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Examiner	Cite	Document Number	Publication Date	T DOCUMENTS Name of Patentee or	Pages, Columns, Lines, Where
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Application Number 10/736,091 Filing Date December 15, 2003 First Named Inventor Harusuke Naito Art Unit 1723 REIFSHUDER **Examiner Name**

(Use as many sheets as necessary)

Attorney Docket Number 0405-0001

U. S. PATENT DOCUMENTS Publication Date Name of Patentee or Pages, Columns, Lines, Where Examiner **Document Number** Initials* MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant Number-Kind Code² (If known) Figures Appear 08-18-1998 Naito OR us-5,795,471 US-USusus-US-US-US-US usususus-115 usususus-

	FOREIGN PATENT DOCUMENTS									
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				First Named Inventor	Harusuke Naito		
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NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²				
"Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority" in PCT/US2004/039553							
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